



#7

BC

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/701,162
Source: PU/09
Date Processed by STIC: 10/11/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

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The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/701,162

DATE: 10/11/2001

TIME: 10:37:16

Input Set : A:\0515030278735.txt

Output Set: N:\CRF3\10112001\I701162.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: La Jolla Institute For Experimental Medicine
 4 Bourdon, Mario
 5 Deryugina, Elena
 6 Rao, Srirama
 7 Borgstrom, Per
 9 <120> TITLE OF INVENTION: INHIBITION OF TUMOR GROWTH BY MACROPHAGE INTERVENTION
 11 <130> FILE REFERENCE: 051503/0278735
 13 <140> CURRENT APPLICATION NUMBER: 09/701,162
 14 <141> CURRENT FILING DATE: 2000-11-22
 16 <150> PRIOR APPLICATION NUMBER: PCT/US98/25791
 17 <151> PRIOR FILING DATE: 1998-12-04
 19 <150> PRIOR APPLICATION NUMBER: 60/067,591
 20 <151> PRIOR FILING DATE: 1997-12-05
 22 <160> NUMBER OF SEQ ID NOS: 2
 24 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 660
 28 <212> TYPE: RNA
 29 <213> ORGANISM: Human
 OK> 30 <220> FEATURE:
 31 <221> NAME/KEY: mRNA
 32 <222> LOCATION: (1) (660)
 33 <223> OTHER INFORMATION: Human CSF-1
 35 <400> SEQUENCE: 1

E--> 36	cttgggtcc ctcgggcgcca gagccgctct cgcacccca ggacagcggc gcgccctcg	60
E--> 38	gcccggggcgc ccactccgca gcagccagcg agccagctgc cccgtatgac cgcgcggggc	120
E--> 40	gccgcggggc gctgccctcc cagcacatgg ctgggctccc tgetgttggt ggtctgtctc	180
E--> 42	ctggcgagca ggagtatcac cgaggaggtg tcggagtact gtagccacat gattgggagt	240
E--> 44	ggacacctgc agtctctgca gcggctgatt gacagtcaga tggagacctc gtgccaatt	300
E--> 46	acatttgagt ttgtagacca ggaacagttg aaagatccag tgtgctacct taagaaggca	360
E--> 48	tttctcctgg tacaagacat aatggaggac accatgcgct tcagagataa caccgccaat	420
E--> 50	cccatcgcca ttgtgcagct gcaggaactc tctttgaggc tgaagagctg cttcaccaag	480
E--> 52	gattatgaag agcatgacaa ggccctgcgc cgaactttct atgagacacc tctccagttg	540
E--> 54	ctggagaagg tcaagaatgt ctttaatgaa acaaagaatc tccttgacaa ggactggaat	600
E--> 56	atttttcagca agaactgcaa caacagcttt gctgaatgct ccagccaaga tgtggtgacc	660

It's not allowed in RNA sequence

use "u"
instead

same error

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/701,162

DATE: 10/11/2001

TIME: 10:37:17

Input Set : A:\0515030278735.txt

Output Set: N:\CRF3\10112001\I701162.raw

L:30 M:283 W: Missing Blank Line separator, <220> field identifier
L:36 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:9
L:38 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:38 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:13
L:40 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:40 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:28
L:42 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:42 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:40
L:44 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:44 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:53
L:46 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:46 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:68
L:48 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:48 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:81
L:50 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:50 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:95
L:52 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:52 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:110
L:54 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:54 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:124
L:56 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:56 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:138